

FILE 'USPAT' ENTERED AT 09:18:22 ON 19 MAY 1997

L1 120 S (CART OR TROLLEY OR BASKET) (P) (BAR CODE OR UPC) (P) (READE
R O
L2 17 S L1 AND (CREDIT CARD OR DEBIT CARD OR PREPAID CARD)
L3 3 S L2 AND WIRELESS

FILE 'JPO' ENTERED AT 09:21:10 ON 19 MAY 1997

L4 49 S (CART OR TROLLEY OR BASKET) (P) (BAR CODE OR UPC) (P) (READE
R O
L5 1 S L4 AND (CREDIT CARD OR DEBIT CARD OR PREPAID CARD)
=> d 15 1

1. JP405314367A , Nov. 26, 1993, UNMANNED SHOP SYSTEM; FUJIWARA,
AKIHIKO,
INT-CL: G07G1/00; G06F15/21
=> d 15 1 ab

JP405314367A

L5: 1 of 1

ABSTRACT:

PURPOSE: To fully automate the system from the registration of purchased merchandise to the settlement of account by storing data concerning merchandise read by a scanner provided at a cart and settling the amount corresponding to merchandise prices.

CONSTITUTION: The self-scan **cart** is provided with a **prepaid** **card** **reader**/writer 1, card **reader** 2, key input device 3, receipt issue device 4, local PLU file 5 or PLU file and radio communication function 6. The card **reader** 2 reads a **prepaid** **card** or a **credit** **card** inserted by a customer. When a **scanner** 13 reads the **bar** **code** of merchandise in the case of fetching signals by the customer, the **prepaid** **card** **reader**/writer 1, display device 7 and cash receiving device 12 respectively perform the settlement of paid account with cash. The local PLU file 5 holds prices, merchandise codes and numbers as the information of purchased merchandise and when the settlement of paid account is completed, the contents of purchase and reception are issued from the receipt issue device 4 as a receipt.

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=> file uspat

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* W E L C O M E T O T H E *
* U . S . P A T E N T T E X T F I L E *
* * * * *

=> d 13 1-3

1. 5,595,264, Jan. 21, 1997, System and method for automated shopping; Frank P. Trotta, Jr., 186/56, 61; 235/383 [IMAGE AVAILABLE]
 2. 5,424,524, Jun. 13, 1995, Personal scanner/computer for displaying shopping lists and scanning barcodes to aid shoppers; Jonathan P. Ruppert, et al., 395/208; 235/383, 462; 364/709.02; 395/217, 223, 228 [IMAGE AVAILABLE]
 3. 5,361,871, Nov. 8, 1994, Product information system for shoppers; Om P. Gupta, et al., 186/61, 52; 235/383 [IMAGE AVAILABLE]
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